



Growing Schools Scheme of Work: The polytunnel and garden BESD

Subject: Learning Outside of the Classroom	Class: KS3/4	Zone: The polytunnel and garden	Teacher:	Term:	Student levels: NC 1 - 6+ BESD
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Overall Objectives <ul style="list-style-type: none"> Students will identify a range of garden and polytunnel designs and create their own virtual design. Students will participate in using a range of tools. They will also take responsibility for the preparation and maintenance of the crops and flowers on site. Students to learn a range of techniques to assist in preparing and maintaining the crops and flowers on site i.e. garden cultivation, vegetable processing. 	Resources <ul style="list-style-type: none"> Access to a computer / internet Gardening tools Growing beds Access to crops and flowers. Hanging baskets Soil samples <p>See individual activity sheets for referenced resources.</p>	Vocabulary Lawn, polytunnel, growth, maintenance, preparation, seeds.	Unit/ Syllabus Reference: Entry Level Land Studies Eco-School Award.
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wk	Specific Objectives	Activities			Assessment method (✓)
		Access NC 0-4	Core NC 4-6	Extension NC 6+	
1	<i>The Virtual Garden</i> <ul style="list-style-type: none"> Students to identify a range of items that they will need to create a garden suitable for growing. Use a pro-forma plan of the area to design a garden. 	<ul style="list-style-type: none"> Use prepared pictures to develop a garden plan. 	<ul style="list-style-type: none"> Students to copy from templates to produce their garden plan. 	<ul style="list-style-type: none"> Sketch their garden plan with a view to making a 3D model. 	AFL Observation Marking Portfolio of work



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2	<i>Garden Tools</i> <ul style="list-style-type: none"> Identify a range of gardening tools. Identify correct use of tools. Use tools safely and responsibly to carry out practical tasks. 	<ul style="list-style-type: none"> Work together to cut out and stick down prepared pictures and word lists in order to complete worksheet. Assist in gardening activities. 	<ul style="list-style-type: none"> Use powerpoint to support completion of worksheets. Carry out designated tasks using given tools. 	<ul style="list-style-type: none"> Write down explanations as to the use of each tool. Select tools for a variety of different tasks. 	AFL Observation Marking Portfolio of work.
3	<i>Garden Maintenance</i> <ul style="list-style-type: none"> Identify tasks that need to be done. Select the appropriate tools for a given task. Select correct materials and plants. 	<ul style="list-style-type: none"> Use the prepared worksheet and match one tool to each task. Assist in given tasks. 	<ul style="list-style-type: none"> Use prepared worksheet to match the tools needed to complete the tasks specified. Carry out tasks with given tools. 	<ul style="list-style-type: none"> Write a short description of how they will use individual tools to carry out specified tasks. Select the tools that they need for their chosen tasks. 	AFL Observation Marking Portfolio of work.
4	<i>Making a Hanging Basket</i> <ul style="list-style-type: none"> Identify a range of suitable plants for the task. Carry out the managed task of making a hanging basket. 	<ul style="list-style-type: none"> Pupils are given tools and seedlings. Pupils assist in putting basket together. 	<ul style="list-style-type: none"> Select, from a limited choice of plants, those to be used in the basket. Base decisions upon plant colour and height. Carry out task of preparing and planting basket. 	<ul style="list-style-type: none"> Select appropriate plants, from a wider range of plants and/or seeds. Assemble and arrange their design. 	AFL Observation Marking Portfolio of work.



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5	<i>Vegetable Processing</i> <ul style="list-style-type: none"> List the stages involved in processing crops. Participate in the processing and harvesting of crops. 	<ul style="list-style-type: none"> Assist in harvesting and processing of vegetables. 	<ul style="list-style-type: none"> Complete a sequenced task of vegetable processing. 	<ul style="list-style-type: none"> Supervise processing of vegetables and workout marketing and costings. 	AFL Observation Marking Portfolio of work.
6	<i>Weeding, Feeding and Pest Control</i> <ul style="list-style-type: none"> Identify a number of common garden weeds and pests. Use a number of 'off-the-shelf' products to help protect the plants. 	<ul style="list-style-type: none"> Cut and paste pictures of some common weeds and pests. Assist in the use of given products to treat plants. 	<ul style="list-style-type: none"> Choose, from a list, which common weeds and pests to protect against. Pupils select appropriate product to treat plants. Pupils then use the product under supervision. 	<ul style="list-style-type: none"> Research three common weeds and three common pests. Identify suitable products to protect against these weeds and pests. Purchase and use products to treat plants. 	AFL Observation Marking Portfolio of work.